

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009517.D
 Acq On : 23 Mar 2022 21:26
 Operator : CG/JU
 Sample : N2031-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CMP-B3-031822-0-6

Quant Time: Mar 24 01:22:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 01:19:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/24/2022
 Supervised By : Jagrut Upadhyay 03/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	518621	20.00	ng	0.00
21) Naphthalene-d8	10.581	136	1985921	20.00	ng	0.00
39) Acenaphthene-d10	14.428	164	1067314	20.00	ng	0.00
64) Phenanthrene-d10	17.192	188	1740273	20.00	ng	0.00
76) Chrysene-d12	21.310	240	1789203	20.00	ng	0.00
86) Perylene-d12	23.716	264	2071691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2677863	90.15	ng	0.00
7) Phenol-d6	6.975	99	3326768	82.81	ng	0.00
23) Nitrobenzene-d5	8.946	82	2143016	57.34	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	1006818	57.16	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	4524993	58.77	ng	0.00
79) Terphenyl-d14	19.775	244	4590173	46.05	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.234	178	932517	10.01	ng	100
72) Anthracene	17.328	178	294259	3.20	ng	99
75) Fluoranthene	19.216	202	2647001	23.47	ng	99
78) Pyrene	19.575	202	2543056	21.57	ng	100
81) Benzo(a)anthracene	21.292	228	1615839	13.75	ng	97
83) Chrysene	21.345	228	1487631	13.36	ng	98
84) Bis(2-ethylhexyl)phtha...	21.227	149	473875	6.78	ng	100
87) Indeno(1,2,3-cd)pyrene	26.215	276	1261269	8.02	ng	# 93
88) Benzo(b)fluoranthene	22.980	252	2341124m	18.93	ng	
89) Benzo(k)fluoranthene	23.022	252	695873m	5.75	ng	
90) Benzo(a)pyrene	23.610	252	1774065	16.77	ng	98
92) Benzo(g,h,i)perylene	26.980	276	1265749	9.82	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

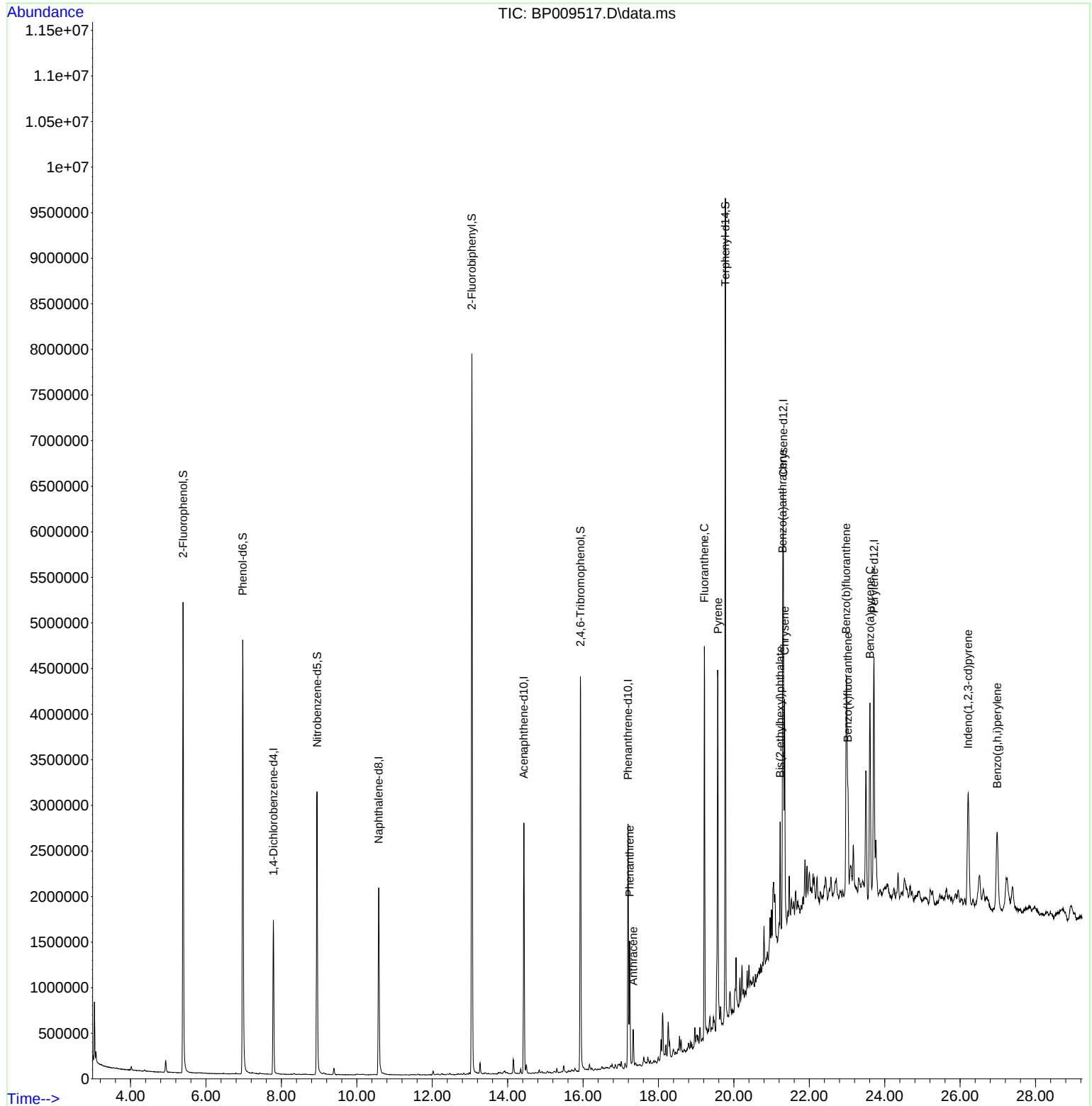
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009517.D
Acq On : 23 Mar 2022 21:26
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ALS Vial : 9 Sample Multiplier: 1

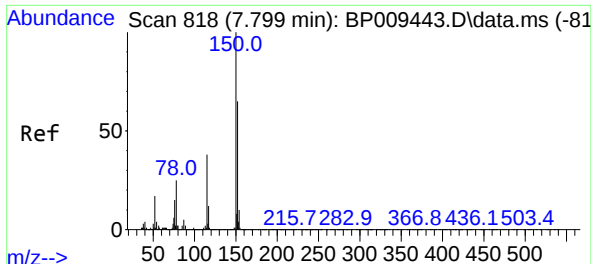
Instrument :
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Quant Time: Mar 24 01:22:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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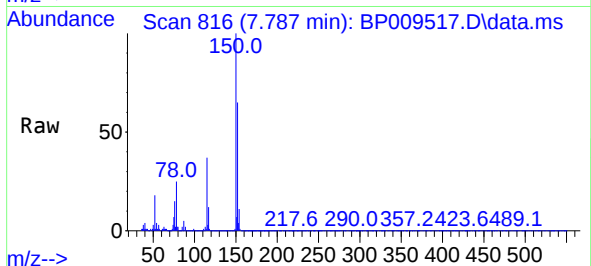
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.787 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

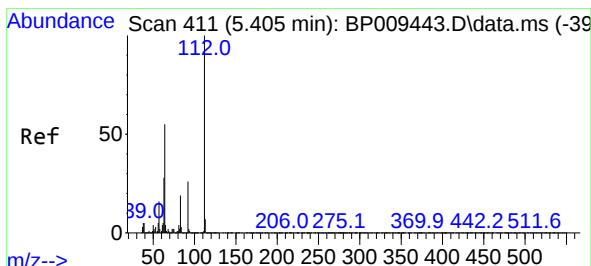
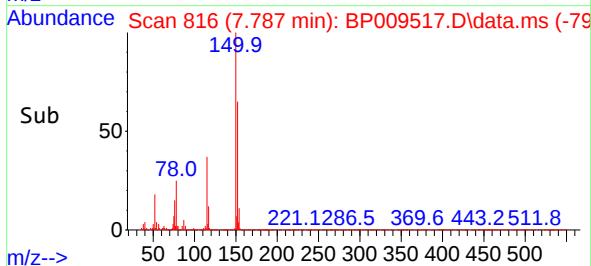
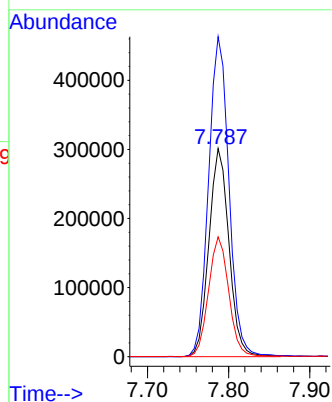
Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6



Tgt Ion:152 Resp: 51862
Ion Ratio Lower Upper
152 100
150 153.7 124.5 186.7
115 57.5 48.2 72.4

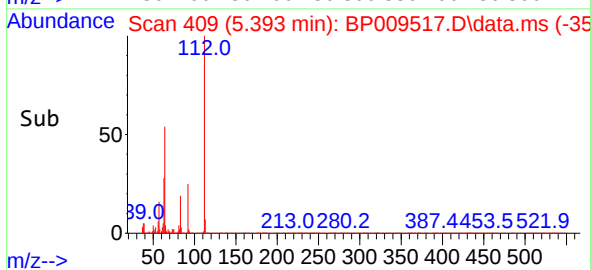
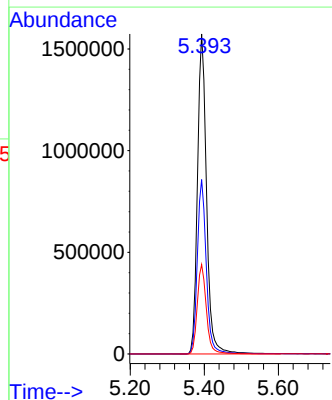
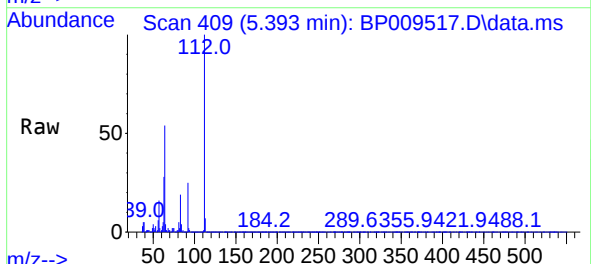
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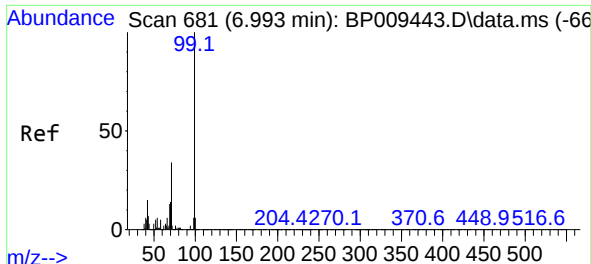
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Supervised By :Jagrut Upadhyay 03/24/2022



#5
2-Fluorophenol
Concen: 90.15 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

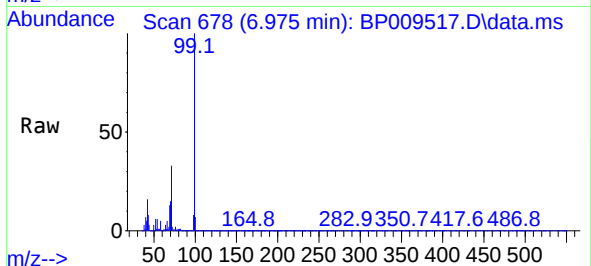
Tgt Ion:112 Resp: 2677863
Ion Ratio Lower Upper
112 100
64 54.5 45.0 67.4
63 28.0 23.0 34.6





#7
Phenol-d6
Concen: 82.81 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

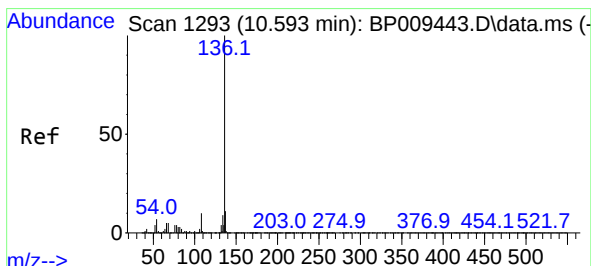
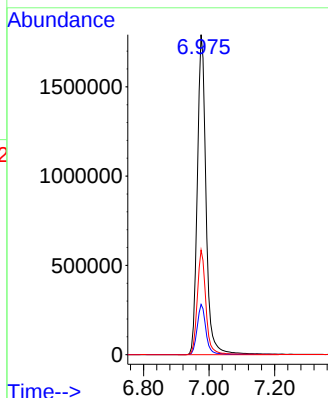
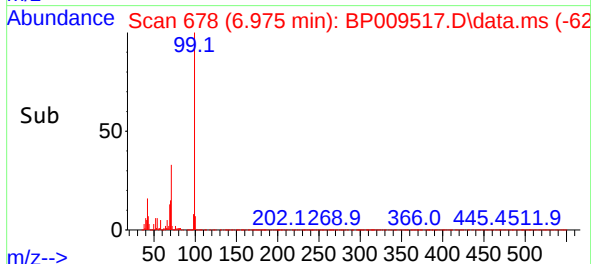
Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6



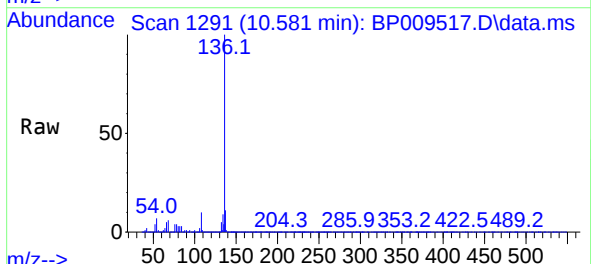
Tgt Ion: 99 Resp: 332676
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.7 26.3 39.5

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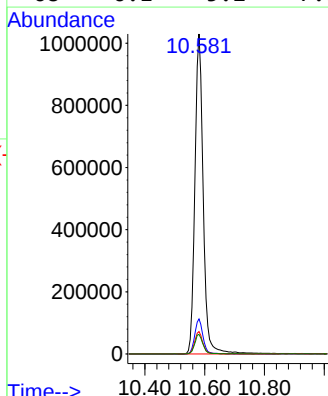
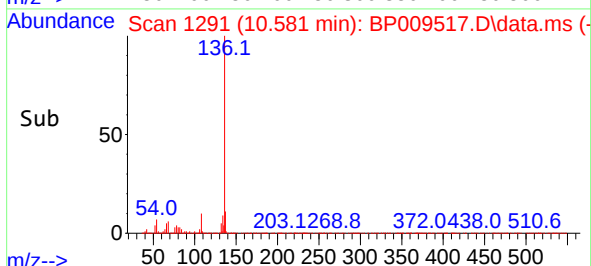
Reviewed By :Christian Giraldo 03/24/2022
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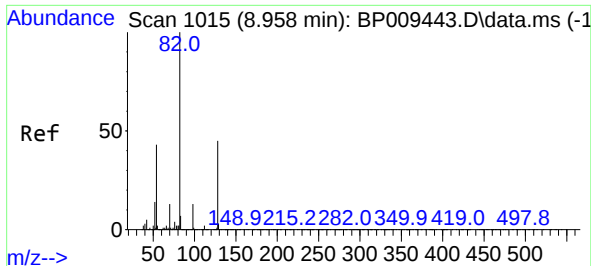


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26



Tgt Ion:136 Resp: 1985921
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.0 5.8 8.8
68 6.1 5.2 7.8





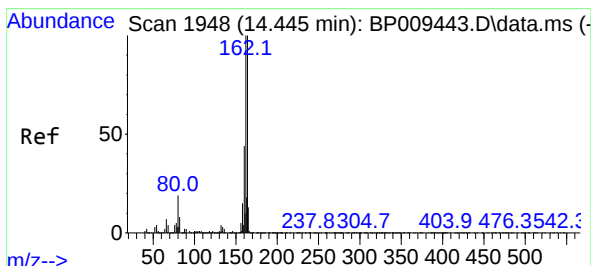
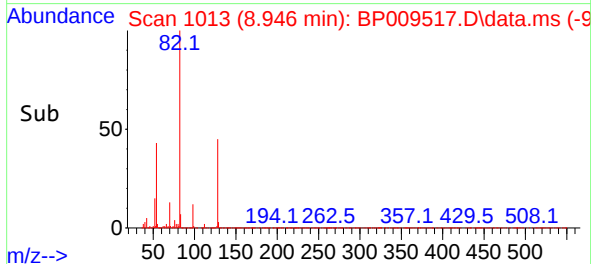
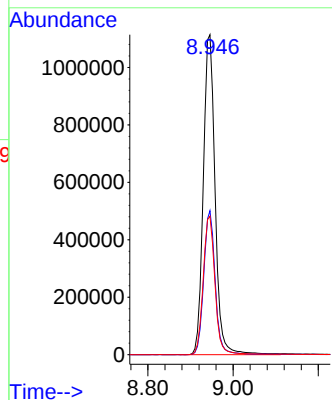
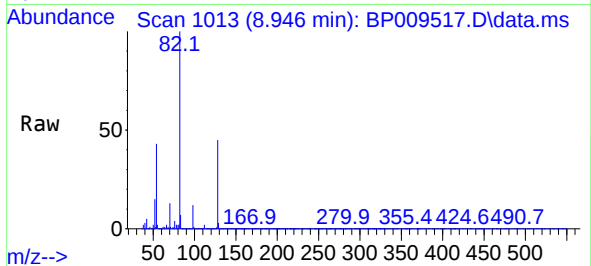
#23
Nitrobenzene-d5
Concen: 57.34 ng
RT: 8.946 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

Tgt Ion: 82 Resp: 2143010
Ion Ratio Lower Upper
82 100
128 45.0 34.2 51.4
54 43.3 34.7 52.1

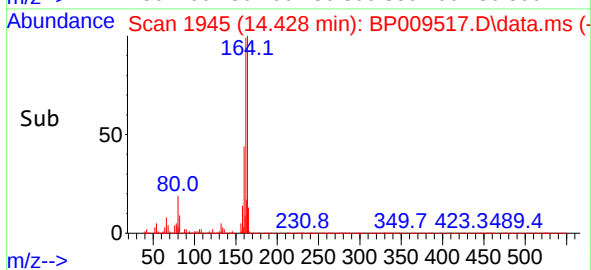
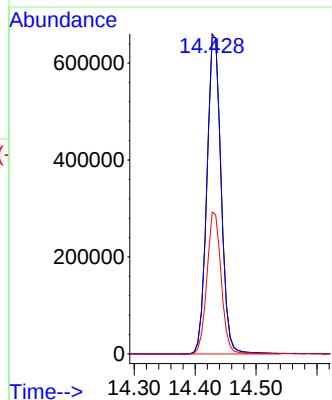
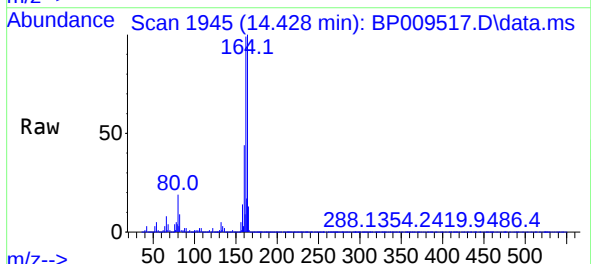
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

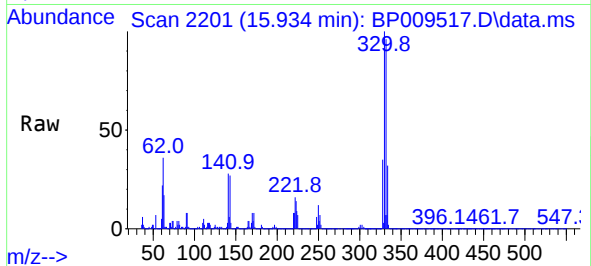
Tgt Ion:164 Resp: 1067314
Ion Ratio Lower Upper
164 100
162 99.0 79.1 118.7
160 44.4 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 57.16 ng
RT: 15.934 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

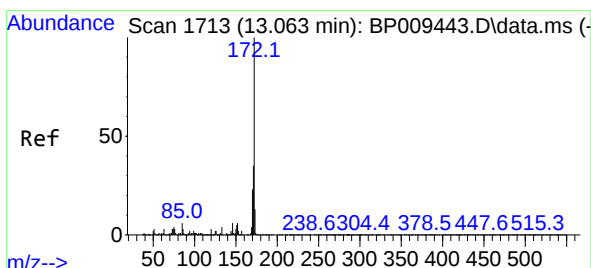
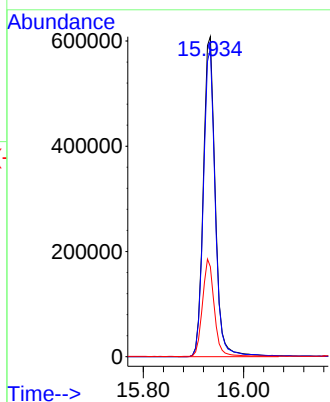
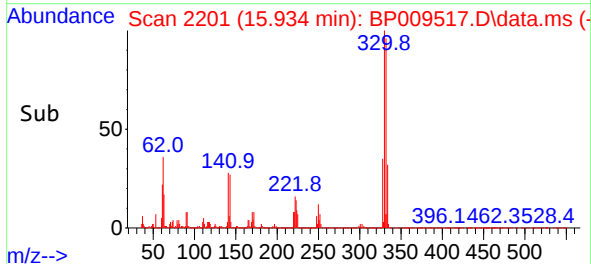
Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6



Tgt Ion: 330 Resp: 1006818
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 30.2 27.6 41.4

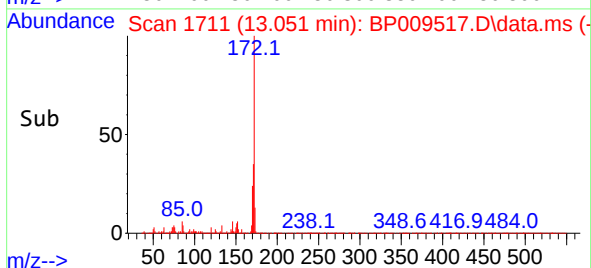
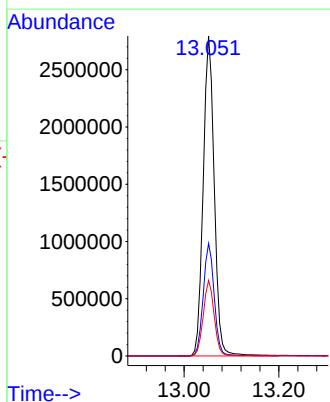
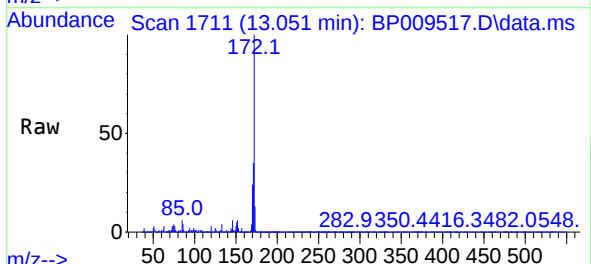
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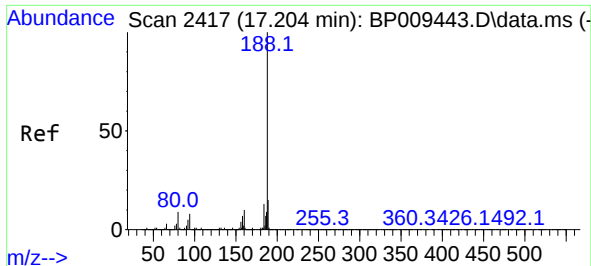
Reviewed By : Christian Giraldo 03/24/2022
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#45
2-Fluorobiphenyl
Concen: 58.77 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

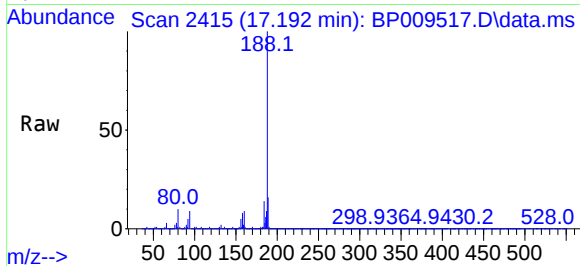
Tgt Ion: 172 Resp: 4524993
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.6 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

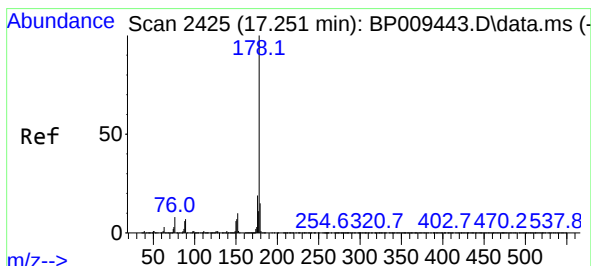
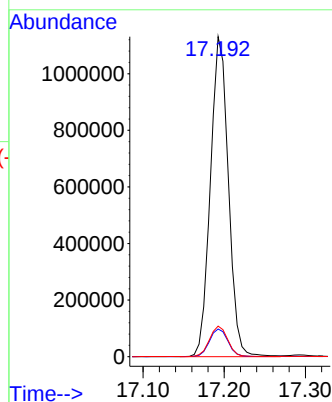
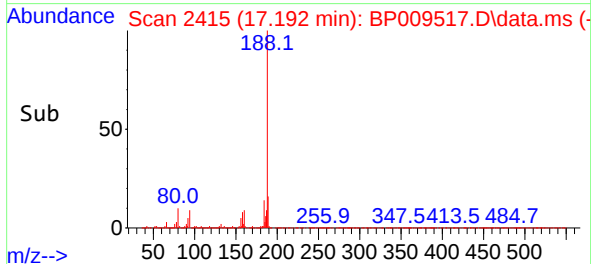
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ClientSampleId :
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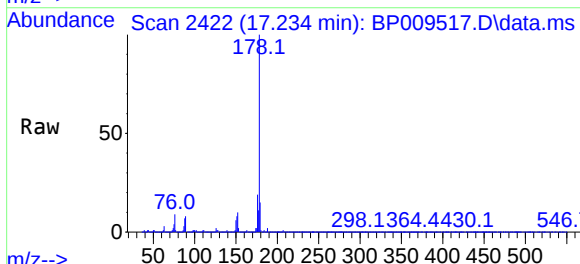
Tgt Ion:188 Resp: 174027
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 9.5 8.8 13.2

Manual Integrations
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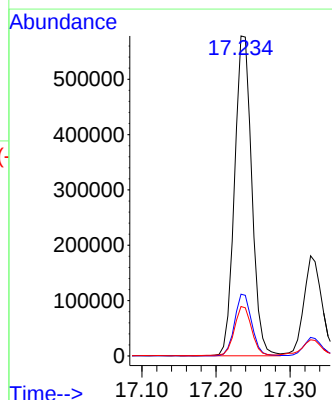
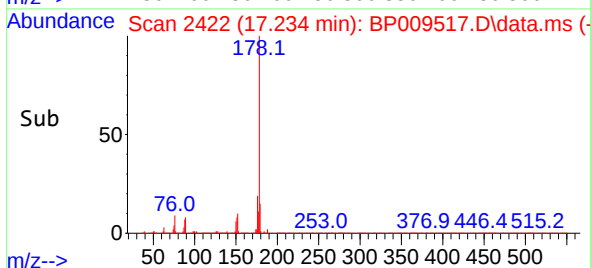
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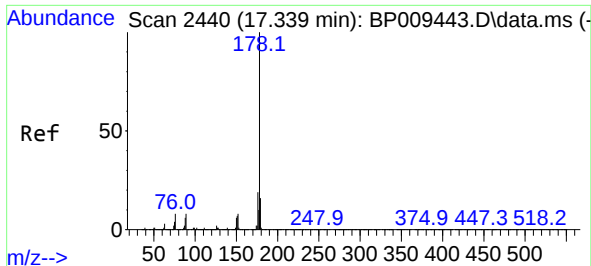


#71
Phenanthrene
Concen: 10.01 ng
RT: 17.234 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26



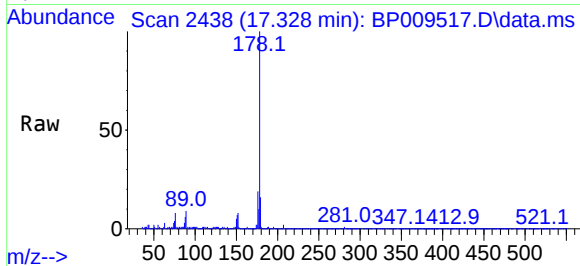
Tgt Ion:178 Resp: 932517
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.4 12.3 18.5





#72
 Anthracene
 Concen: 3.20 ng
 RT: 17.328 min Scan# 2440
 Delta R.T. -0.006 min
 Lab File: BP009517.D
 Acq: 23 Mar 2022 21:26

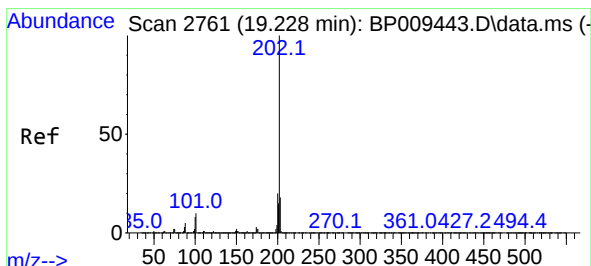
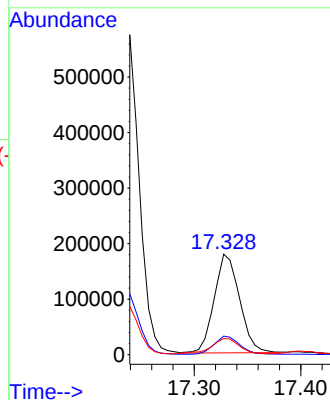
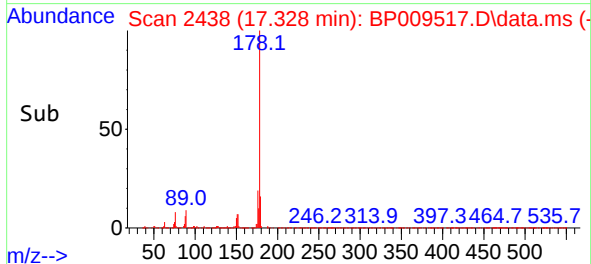
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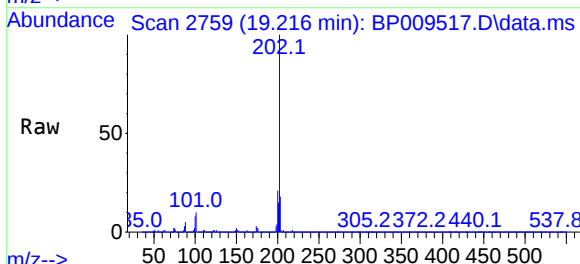
Tgt Ion:178 Resp: 294259
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.8 22.2
 179 16.1 12.2 18.4

Manual Integrations
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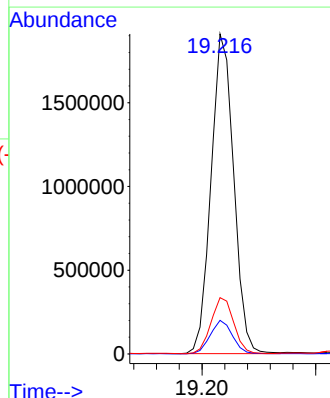
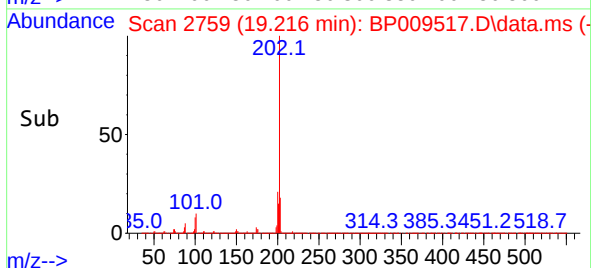
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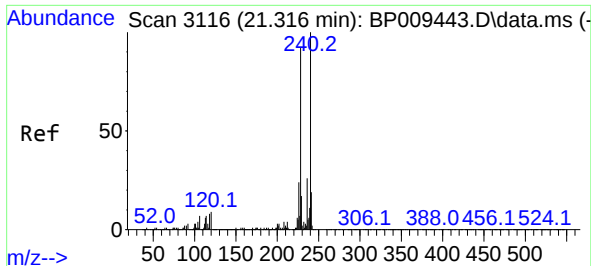


#75
 Fluoranthene
 Concen: 23.47 ng
 RT: 19.216 min Scan# 2759
 Delta R.T. -0.006 min
 Lab File: BP009517.D
 Acq: 23 Mar 2022 21:26



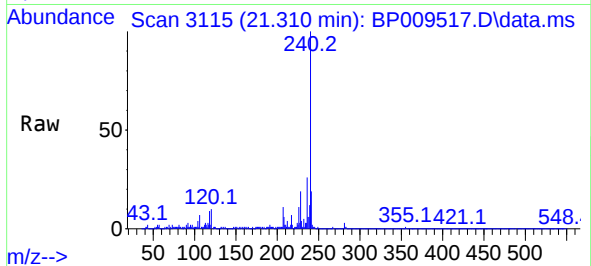
Tgt Ion:202 Resp: 2647001
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 31.5
 203 17.6 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

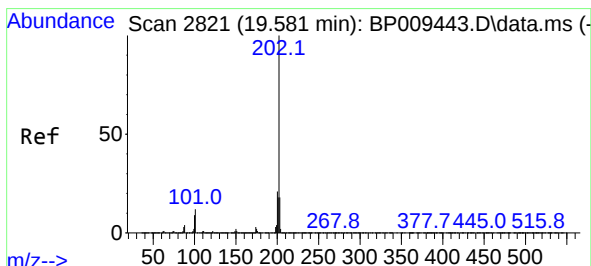
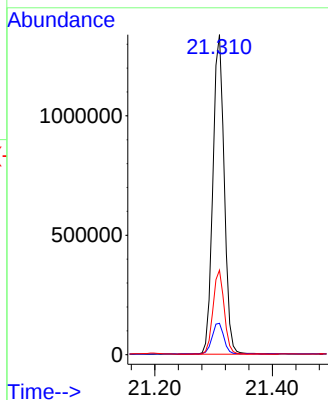
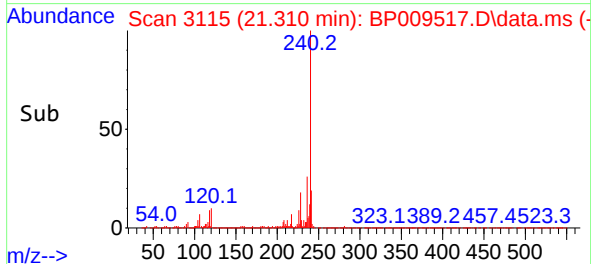
Instrument :
BNA_P
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CMP-B3-031822-0-6



Tgt Ion:240 Resp: 1789200
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.4 20.6 30.8

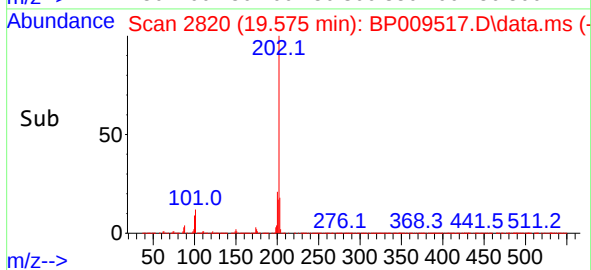
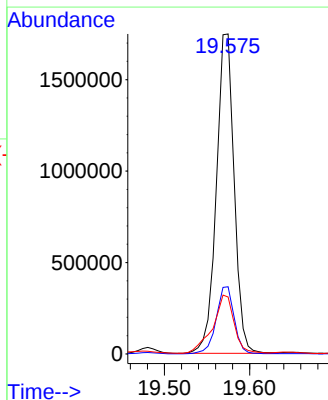
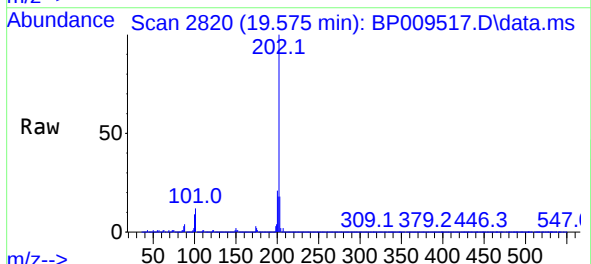
Manual Integrations
APPROVED

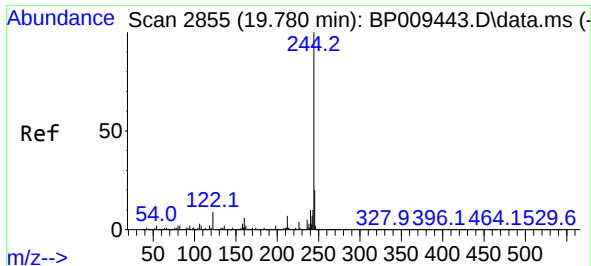
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#78
Pyrene
Concen: 21.57 ng
RT: 19.575 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

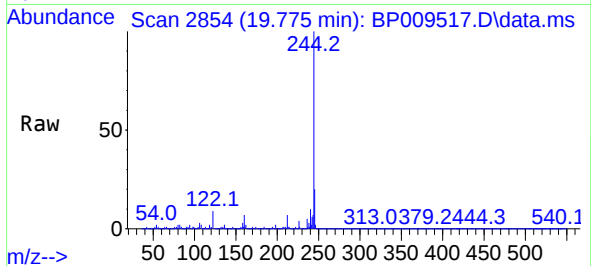
Tgt Ion:202 Resp: 2543056
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.8 14.2 21.4





#79
Terphenyl-d14
Concen: 46.05 ng
RT: 19.775 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

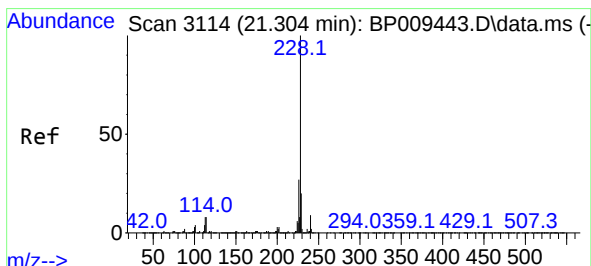
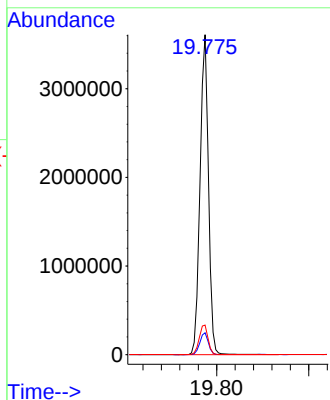
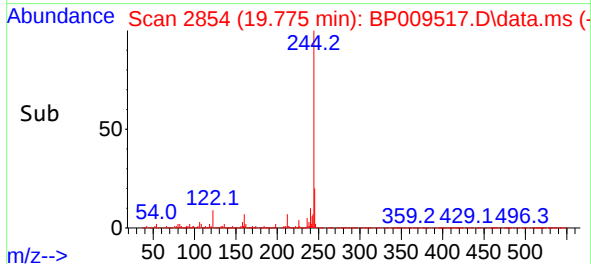
Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6



Tgt Ion:244 Resp: 459017
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 9.3 8.3 12.5

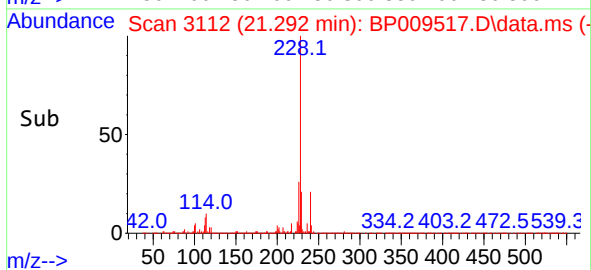
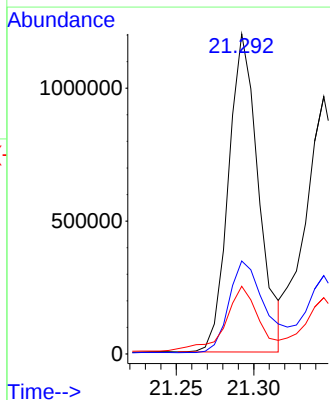
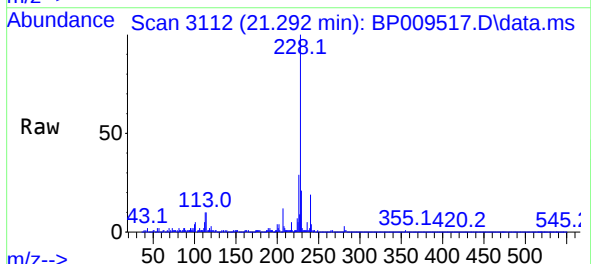
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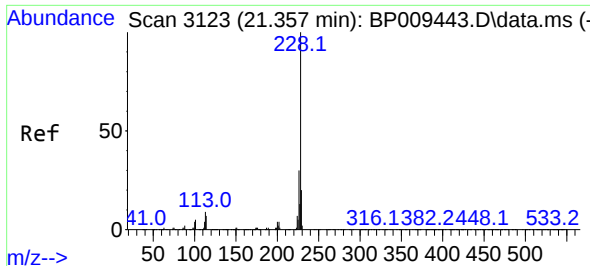
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#81
Benzo(a)anthracene
Concen: 13.75 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

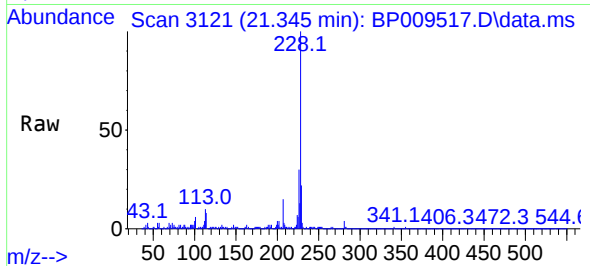
Tgt Ion:228 Resp: 1615839
Ion Ratio Lower Upper
228 100
226 29.0 22.0 33.0
229 21.2 16.1 24.1





#83
Chrysene
Concen: 13.36 ng
RT: 21.345 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

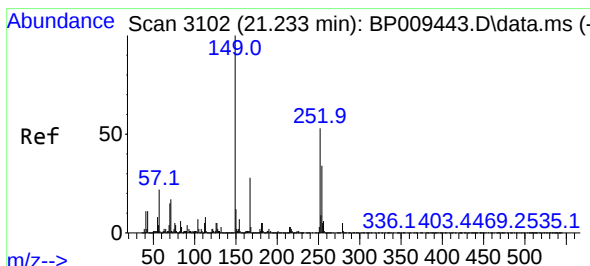
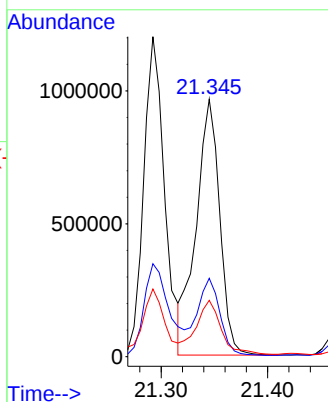
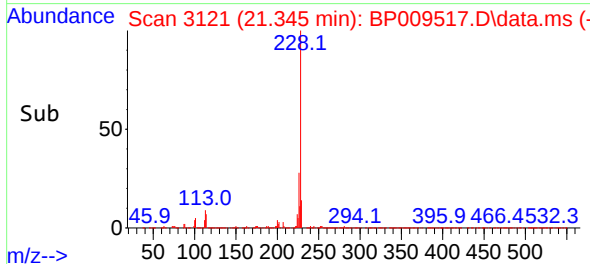
Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6



Tgt Ion:228 Resp: 148763
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 21.9 16.1 24.1

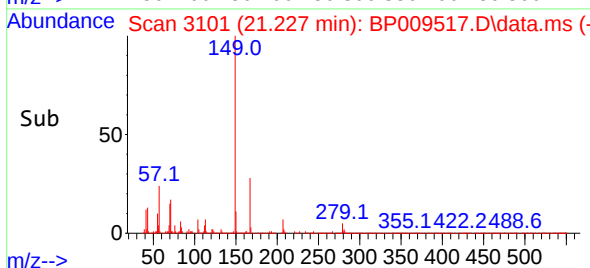
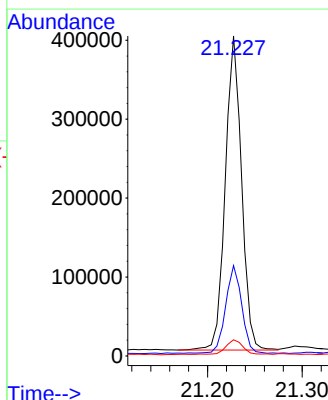
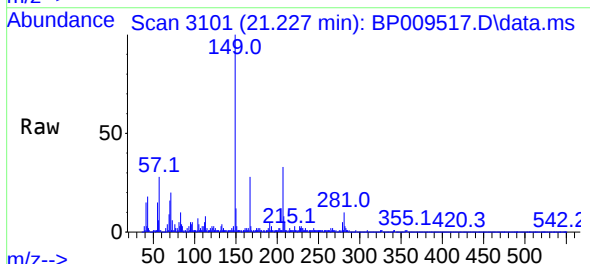
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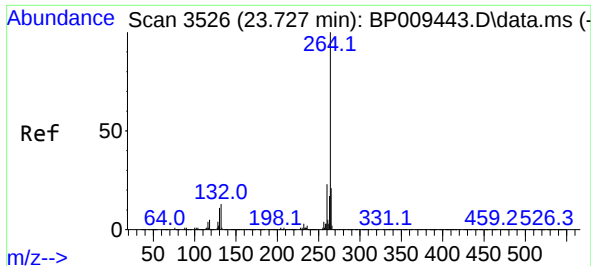
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.78 ng
RT: 21.227 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

Tgt Ion:149 Resp: 473875
Ion Ratio Lower Upper
149 100
167 28.3 22.6 33.8
279 5.1 3.8 5.6





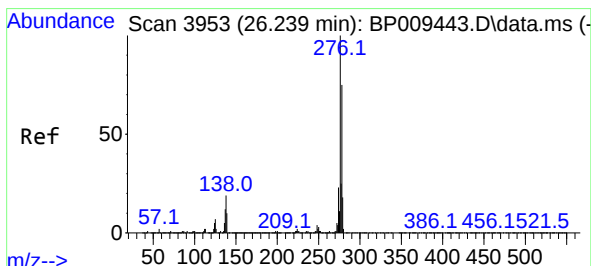
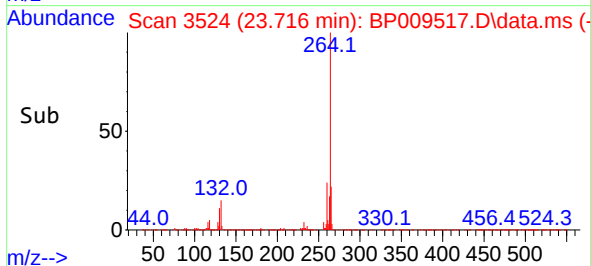
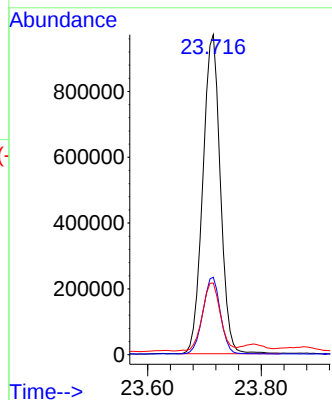
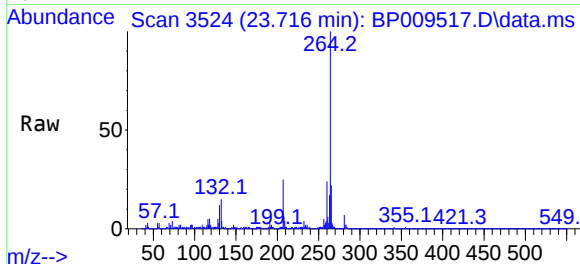
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.716 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP009517.D
 Acq: 23 Mar 2022 21:26

Instrument :
 BNA_P
 ClientSampleId :
 CMP-B3-031822-0-6

Tgt Ion:264 Resp: 207169
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 22.4 17.2 25.8

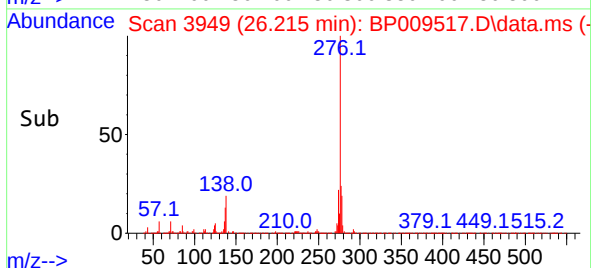
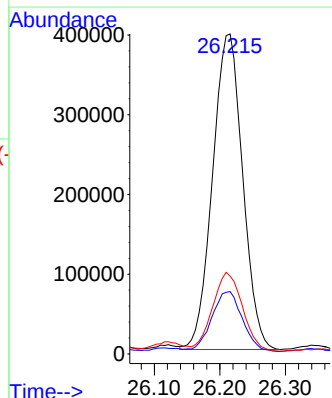
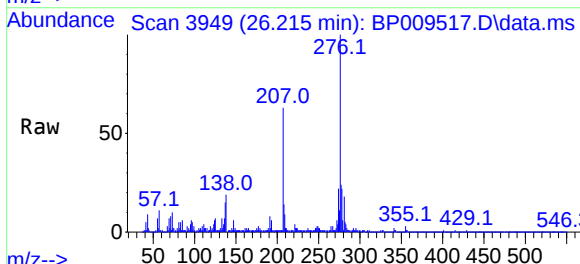
Manual Integrations
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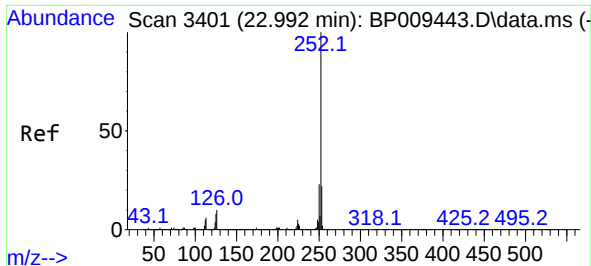
Reviewed By :Christian Giraldo 03/24/2022
 Supervised By :Jagrut Upadhyay 03/24/2022



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.02 ng
 RT: 26.215 min Scan# 3949
 Delta R.T. -0.011 min
 Lab File: BP009517.D
 Acq: 23 Mar 2022 21:26

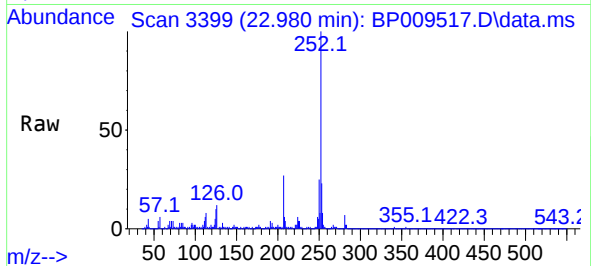
Tgt Ion:276 Resp: 1261269
 Ion Ratio Lower Upper
 276 100
 138 19.5 20.5 30.7#
 277 24.8 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 18.93 ng m
RT: 22.980 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

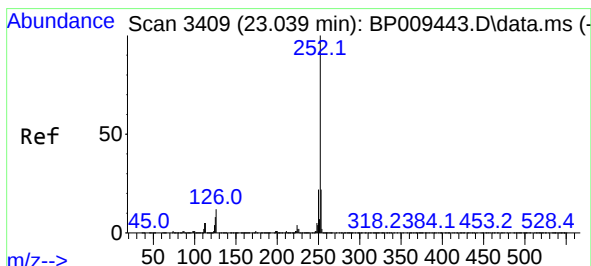
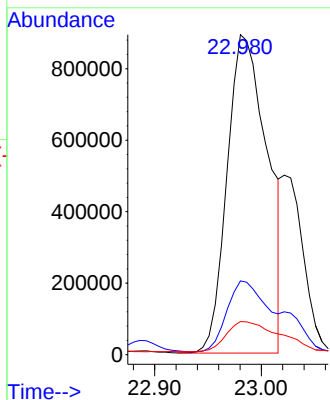
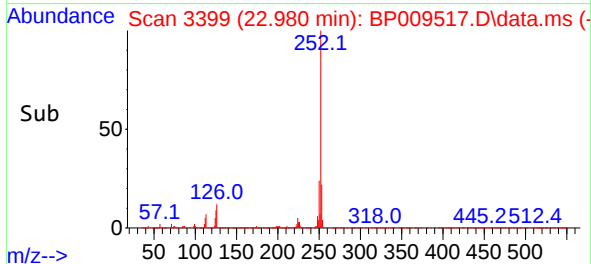
Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6



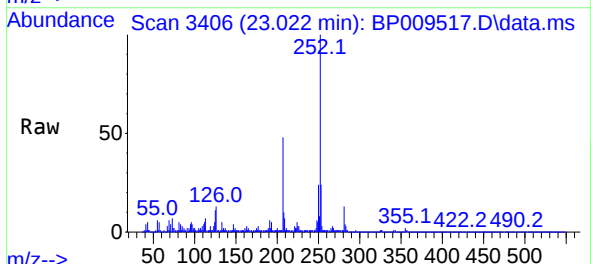
Tgt Ion:252 Resp: 2341124
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.4 8.1 12.1

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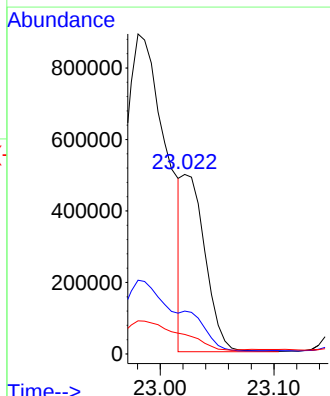
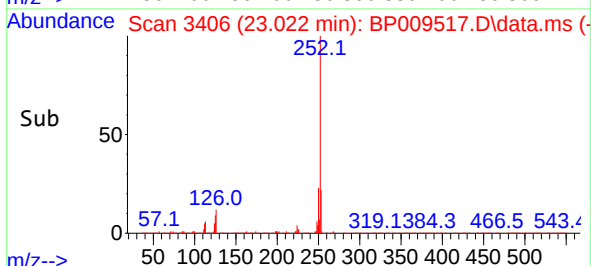
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

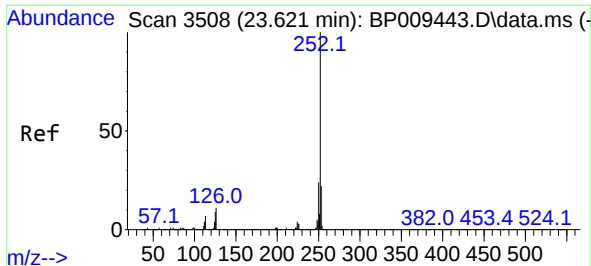


#89
Benzo(k)fluoranthene
Concen: 5.75 ng m
RT: 23.022 min Scan# 3406
Delta R.T. -0.017 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26



Tgt Ion:252 Resp: 695873
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 10.9 8.3 12.5





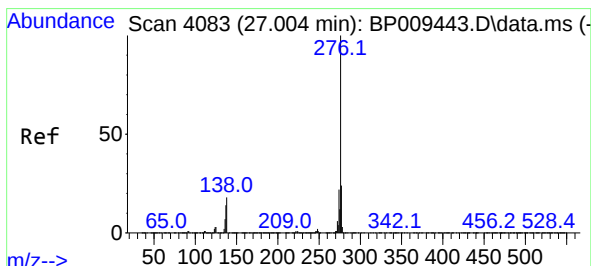
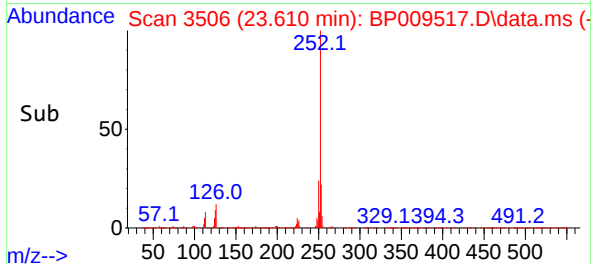
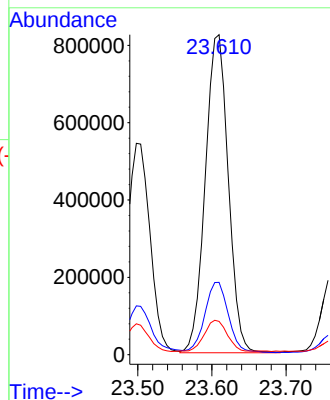
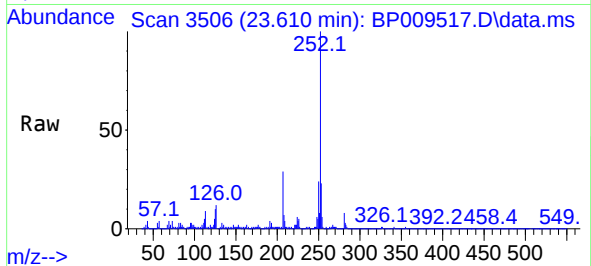
#90
Benzo(a)pyrene
Concen: 16.77 ng
RT: 23.610 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

Tgt Ion:252 Resp: 177406
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.4 9.3 13.9

Manual Integrations
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Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#92
Benzo(g,h,i)perylene
Concen: 9.82 ng
RT: 26.980 min Scan# 4079
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

Tgt Ion:276 Resp: 1265749
Ion Ratio Lower Upper
276 100
277 25.4 19.2 28.8
138 20.0 18.0 27.0

